

Please type a plus sign (+) inside this box → ☐

Approved for use through 10/31/99. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

|  |   |    |   |                        |              |
|--|---|----|---|------------------------|--------------|
| Substitute for form 1449A/PTO<br><br><b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br>(use as many sheets as necessary) |   |    |   | Complete if Known      |              |
|  |   |    |   | Application Number     | 10/738,639   |
|  |   |    |   | Filing Date            | 1/15/04      |
|  |   |    |   | First Named Inventor   | Batho et al. |
|  |   |    |   | Group Art Unit         | 3672         |
|  |   |    |   | Examiner Name          |              |
| Sheet  | 1 | of | 3 | Attorney Docket Number | 89.0503      |

## U.S. PATENT DOCUMENTS

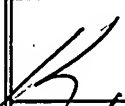



| Examiner<br>Initials | Cite<br>No. <sup>1</sup> | U.S. Patent Document |                        | Name of Patentee or Applicant<br>of Cited Document | Date of Publication of<br>Cited Document | Pages, Columns, Lines, Where Relevant<br>Passages or Relevant Figures Appear |
|----------------------|--------------------------|----------------------|------------------------|--|--|--|
|                      |                          | Number               | Kind Code <sup>2</sup> |  |  |  |
|                      | 1                        | 1,720,863            |                        | Stebbins   | 7/1929                                   |  |
|                      | 2                        | 2,114,780            |                        | Juelson  | 4/1938                                   |  |
|                      | 3                        | 2,158,717            |                        | Brock  | 5/1939                                   |  |
|                      | 4                        | 2,732,032            |                        | Sandison   | 1/1956                                   |  |
|                      | 5                        | 2,744,721            |                        | Hatch  | 5/1956                                   |  |
|                      | 6                        | 3,289,608            |                        | Laval, Jr.   | 12/1966                                  |  |
|                      | 7                        | 3,512,651            |                        | Laval, Jr.   | 5/1970                                   |  |
|                      | 8                        | 3,605,887            |                        | Lambie   | 9/1971                                   |  |
|                      | 9                        | 3,765,483            |                        | Vencil   | 10/1973                                  |  |
|                      | 10                       | 3,944,380            |                        | Kampe  | 3/1976                                   |  |
|                      | 11                       | 4,047,912            |                        | Markland   | 9/1977                                   |  |
|                      | 12                       | 4,066,552            |                        | Caine  | 1/1978                                   |  |
|                      | 13                       | 4,072,481            |                        | Laval, Jr.   | 2/1978                                   |  |
|                      | 14                       | 4,155,681            |                        | Linko, III et al.                                  | 5/1979                                   |  |
|                      | 15                       | 4,183,722            |                        | Roeder   | 1/1980                                   |  |
|                      | 16                       | 4,294,573            |                        | Erickson et al.                                    | 10/1981                                  |  |
|                      | 17                       | 4,330,306            |                        | Salant   | 5/1982                                   |  |
|                      | 18                       | 4,390,061            |                        | Short  | 6/1983                                   |  |
|                      | 19                       | 4,588,351            |                        | Miller   | 5/1986                                   |  |
|                      | 20                       | 4,790,376            |                        | Weeks  | 12/1988                                  |  |
|                      | 21                       | 4,971,518            |                        | Florin   | 11/1990                                  |  |
|                      | 22                       | 5,000,769            |                        | Raguideau et al.                                   | 3/1991                                   |  |
|                      | 23                       | 5,033,545            |                        | Sudol  | 7/1991                                   |  |
|                      | 24                       | 5,277,232            |                        | Borsheim   | 1/1994                                   |  |
|                      | 25                       | 5,368,735            |                        | Ford   | 11/1994                                  |  |
|                      | 26                       | 5,372,190            |                        | Coleman  | 12/1994                                  |  |
|                      | 27                       | 5,482,117            |                        | Kolpak et al.                                      | 1/1996                                   |  |
|                      | 28                       | 5,555,934            |                        | Hauffer  | 9/1996                                   |  |
|                      | 29                       | 5,562,161            |                        | Hisaw et al.                                       | 10/1996                                  |  |
|                      | 30                       | RE 35,454            |                        | Cobb   | 2/1997                                   |  |
|                      | 31                       | 5,662,167            |                        | Patterson et al.                                   | 9/1997                                   |  |
|                      | 32                       | 5,881,814            |                        | Mills  | 3/1999                                   |  |
|                      | 33                       | 6,017,198            |                        | Traylor et al.                                     | 1/2000                                   |  |
|                      | 34                       | 6,026,904            |                        | Burd et al.  | 2/2000                                   |  |
|                      | 35                       | 6,045,333            |                        | Breit  | 4/2000                                   |  |
|                      | 36                       | 6,167,960            |                        | Moya   | 1/2001                                   |  |
|                      | 37                       | 6,168,388            |                        | Hughes et al.                                      | 1/2001                                   |  |
|                      | 38                       | 6,189,613            |                        | Chachula et al.                                    | 2/2001                                   |  |
|                      | 39                       | 6,216,788            |                        | Wilson   | 4/2001                                   |  |

3 OCT 25



Please type a plus sign (+) inside this box → ☐

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| Substitute for form 1449A/PTO<br><br><b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br>(use as many sheets as necessary) |   |   |   | Complete if Known      |                |
|--|---|---|---|------------------------|----------------|
|  |   |   |   | Application Number     | 10/958 639     |
|  |   |   |   | Filing Date            | 1/15/04        |
|  |   |   |   | First Named Inventor   | Batho et al.   |
|  |   |   |   | Group Art Unit         | 3672           |
| Sheet  | 3   | of  | 3 | Examiner Name          |                |
|  |   |   |   | Attorney Docket Number | 89.0503        |
| <b>OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS</b>   |   |   |   |                        |                |
| Examiner<br>Initials*  | Cite<br>No. <sup>1</sup>  | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. |   |                        | T <sup>2</sup> |
|   | 30  | P.M. Carvalho, A.L. Podio, K. Sepehmoori, entitled "Modeling A Jet Pump With An Electrical Submersible Pump For Production Of Gassy Petroleum Wells", SPE 48934, pp. 1-13, 1986, Society of Petroleum Engineers, Inc.   |   |                        | —              |
|   | 51  | "Schlumberger HydroLift - Jet and piston pump systems for temporary and long-term applications", Schlumberger catalog - SMP-5849, 15 pgs, June 2003, U.S.   |   |                        | —              |
|   | 52  | "HydroLift standard- and reverse-circulation jet pumps in sliding sleeves", Schlumberger catalog - SMP-5849-4, 2 pgs, June 2003, U.S.   |   |                        | —              |
|  |   |   |   |                        |                |
|  |   |   |   |                        |                |
|  |   |   |   |                        |                |
|  |   |   |   |                        |                |
|  |   |   |   |                        |                |
|  |   |   |   |                        |                |
|  |   |   |   |                        |                |
|  |   |   |   |                        |                |
|  |   |   |   |                        |                |
|  |   |   |   |                        |                |
| Examiner<br>Signature  |  |   |   | Date<br>Considered     | 3 Oct 05       |

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop: Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.